

M. Schmitt - 09/26/02

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L12 ANSWER 1 OF 1 WPIX (C) 2002 THOMSON DERWENT  
ACCESSION NUMBER: 1988-010694 [02] WPIX Full-text  
DOC. NO. NON-CPI: N1988-007694  
DOC. NO. CPI: C1988-004786  
TITLE: Liquid retention material for printing rolls, filters etc.  
- mfd. by hot instantaneous compression of foamed  
material.  
DERWENT CLASS: A32 A94 P75 P77  
PATENT ASSIGNEE(S): (MUSA-N) MUSASHI KASEI KOGYO  
COUNTRY COUNT: 1  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN	IPC
JP--62273826	A	19871127	(198802)*		3		<--

## APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP--62273826	A	1986JP-0118750	19860523

PRIORITY APPLN. INFO: 1986JP-0118750 19860523  
INT. PATENT CLASSIF.: B29C-059-02; B29K-105-04; B41K-001-54; B43L-021-00  
BASIC ABSTRACT:

JP 62273826 A UPAB: 19930923

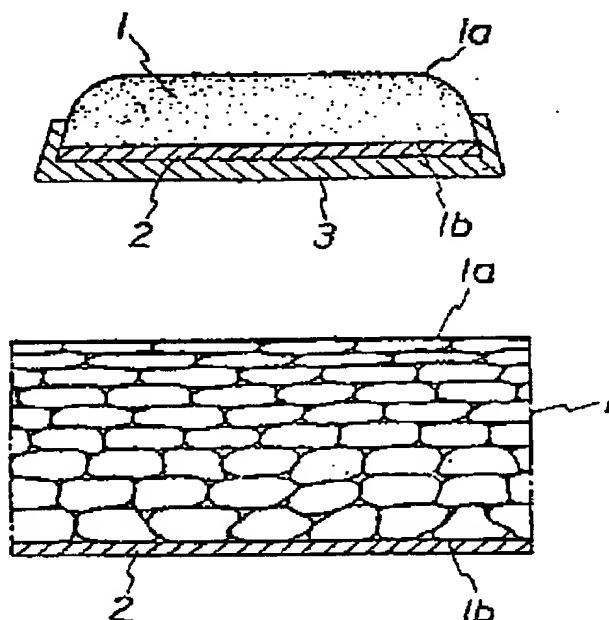
Liquid retention material produced by hot and instantaneous compression of foamed material such as rubber sponge, urethane foam, polyethylene foam, having complete or partial open cell structure with a mould surface temperature of 180-220 deg.C to shape the foamed material.

Foamed material is placed on a plate and shaped by instantaneous compression with a mould at pref. 200 deg.C into stamp pads. After adhering a hard sheet of e.g. paper, resin, hard foam to the back surface of the stamp pad, a case is fixed at the lower areas of each stamp pad. The foamed material may be cut into pads during or after shaping.

USE/ADVANTAGE - For e.g. wipers for aqueous ink (on black board), printing rolls, stamp pads, filter for industrial water. Coarser structure in the deeper areas, allowing good water absorbing and retention properties. Wear resistant, relatively rigid and has smooth skin layers.

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FILE SEGMENT: CPI GMPI  
FIELD AVAILABILITY: AB  
MANUAL CODES: CPI: A11-C04; A12-S04



JP62273826

## MATERIAL FOR IMPREGNATION OF LIQUID

MUSASHI KASEI KOGYO KK

Inventor(s): YAMADA BUNICHI

Application No. 61118750, Filed 19860523, Published 19871127

## Abstract:

**PURPOSE:** To obtain a material for providing a beautiful stamped surface, by a method wherein one side of a foamed material is compressed instantaneously by setting a temperature of a mold surface of a molding mold at a specific temperature.

**CONSTITUTION:** A foamed material 1 is mounted on a surface plate, which is embossed into a desired form by applying instantaneous compression to the upper part of the same by a molding whose temperature has been made into 180°CW220°C, and the lower part of the resulting form is fitted in a case 3 by adhering a hard plate 2 to the backside thereof. A surface layer of the foamed material is turned dense of continuous bubbles are compressed, and it becomes gradually thin toward the inner layer thereof, so the material has good impregnating ratio and water retention, because evaporation is prevented by the surface layer. In addition, as wetting properties are favorable due to the continuous bubbles and ink percolates through dense bubbles, the ink sticks on the surface of a stamp in a state of a fine texture to give a satisfactory stamped surface is obtained.

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